

WHAT IS CLAIMED IS:

1. An image reading system comprising:  
a client terminal device which comprises  
an image display which has predetermined image display capability and displays an image, and  
a transfer unit for transferring information concerning the capability; and  
an image reading apparatus which comprises  
an image processing content determinator for receiving the information concerning the capability transferred from said transfer unit, and determining the capability of said client terminal device,  
an image reader for reading an image to generate first image data,  
an image processor for performing, on the first image data, image processing corresponding to the capability determined by said image processing content determinator, and generating second image data, and  
an image data transfer unit for transferring the second image data to said client terminal device.
2. A system according to claim 1, wherein  
said client terminal device transfers, to said image reading apparatus, information concerning an image size of said image display as the information concerning the capability, and  
said image reading apparatus generates the second image data by enlarging or reducing the first image data in accordance with the information.
3. A system according to claim 1, wherein  
said client terminal device transfers, to said image reading apparatus, information indicating whether said image display is a monochromatic display or color display and, if said image display is a color display, information concerning color depth, as the information concerning the capability, and  
said image reading apparatus generates the second image data by performing, on the first image data,

color/monochromatic conversion and, if said image display is a color display, color depth conversion, in accordance with the information.

4. A system according to claim 1, wherein

said client terminal device transfers, to said image reading apparatus, information concerning the capacity of a buffer memory of said image display, as the information concerning the capability, and

said image reading apparatus generates the second image data by performing, on the first image data, processing corresponding to the capacity of said buffer memory in accordance with the information.

5. A system according to claim 1, wherein

said client terminal device transfers, to said image reading apparatus, information concerning a file size of image data in said image display, as the information concerning the capability, and

said image reading apparatus generates the second image data by performing, on the first image data, processing corresponding to the file size in accordance with the information.

6. A system according to claim 1, wherein

said client terminal device transfers, to said image reading apparatus, information indicating whether said image display can display information other than characters, as the information concerning the capability, and

if the information indicates that said image display cannot display information other than characters, said image reading apparatus performs OCR processing for the first image data and generates character information as the second image data.

7. An image reading system comprising:

a client terminal device which comprises

an image display which has predetermined image display capability and displays an image, and

a transfer unit for transferring information concerning the capability and information concerning a

transfer destination of first image data;

an image processing content determinator for receiving the information concerning the capability transferred from said transfer unit, and determining the capability of said client terminal device;

an image reader for reading an image to generate the first image data;

an image processor for performing, on the first image data, image processing corresponding to the capability determined by said image processing content determinator, and generating second image data; and

an image data transfer unit for transferring the second image data to said client terminal device via a network, and transferring the first image data to the transfer destination of the first image data via said network.

8. An image reading method comprising the steps of:

in a client terminal device,

transferring information concerning a capability of an image display to an image processing apparatus;

in said image processing apparatus,

receiving the transferred information concerning the capability, and determining the capability of said client terminal device;

reading an image to generate first image data, performing image processing corresponding to the determined capability on the first image data, and generating second image data;

transferring the second image data to said client terminal device; and

in said client terminal device,

receiving the transferred second image data and displaying the image on said image display.

9. A method according to claim 8, wherein

the step of transferring information concerning the capability comprises transferring, to said image reading apparatus, information concerning an image size of said image display as the information concerning the capability, and

the step of generating the second image data comprises generating the second image data by enlarging or reducing the first image data in accordance with the information.

10. A method according to claim 8, wherein

the step of transferring information concerning the capability comprises transferring, to said image reading apparatus, information indicating whether said image display is a monochromatic display or color display and, if said image display is a color display, information concerning color depth, as the information concerning the capability, and

the step of generating the second image data comprises generating the second image data by performing, on the first image data, color/monochromatic conversion and, if said image display is a color display, color depth conversion, in accordance with the information.

11. A method according to claim 8, wherein

the step of transferring information concerning the capability comprises transferring, to said image reading apparatus, information concerning the capacity of a buffer memory of said image display, as the information concerning the capability, and

the step of generating the second image data comprises generating the second image data by performing, on the first image data, processing corresponding to the capacity of said buffer memory in accordance with the information.

12. A method according to claim 8, wherein

the step of transferring information concerning the capability comprises transferring, to said image reading apparatus, information concerning the file size of image data in said image display, as the information concerning the capability, and

the step of generating the second image data comprises generating the second image data by performing, on the first image data, processing corresponding to the file size in accordance with the information.

13. A method according to claim 8, wherein

the step of transferring information concerning the

capability comprises transferring, to said image reading apparatus, information indicating whether said image display can display information other than characters, as the information concerning the capability, and

if the information indicates that said image display cannot display information other than characters, the step of generating the second image data comprises performing OCR processing for the first image data and generating character information as the second image data.

14. A program for causing a client terminal device and an image processing apparatus to perform processing necessary for image reading, which causes:

said client terminal device to  
transfer information concerning a capability of an image display to said image processing apparatus;

said image processing apparatus to  
determine the capability of said client terminal device by using the transferred information concerning the capability;

generate first image data by reading an image, perform image processing corresponding to the determined capability for the first image data, and generating second image data; and

transfer the second image data to said client terminal device; and

said client terminal device to  
display an image on said image display by using the transferred second image data.

15. An image reading program for causing a client terminal device to perform processing necessary for image reading, which causes said client terminal apparatus to:

transfer information concerning a capability of an image display to an image processing apparatus; and

display an image on said image display by using image data which said image processing apparatus generates by reading an image and performing image processing corresponding to the capability, and transfers to said client

terminal device.

16. An image reading program for causing an image processing apparatus to perform processing necessary for image reading, which causes said image processing apparatus to:

- determine a capability of a client terminal device by using information which is transferred by said client terminal device and concerns the capability of an image display;

- generate first image data by reading an image, perform image processing corresponding to the determined capability on the first image data, and generating second image data; and

- transfer the generated second image data to said client terminal device.

17. An image reading apparatus comprising:

- an image processing content determinator for receiving information concerning a capability of an image display from a client terminal device having said image display, and determining the capability of said client terminal device;

- an image reader for reading an image to generate first image data;

- an image processor for performing, on the first image data, image processing corresponding to the capability determined by said image processing content determinator, and generating second image data; and

- an image data transfer unit for transferring the second image data to said client terminal device.